

## LEWISTOWN, MONTANA: FOR THE MONTH OF AUGUST

AUGUST

## TEMPERATURES

| Date | Record       |             |             | Record     |      |                        | Record |                        |      | Sum of                |                      |        | Record |                         |                         | Record |                    |                          | Record |                         |                      | Record               |                       |                       |      |    |
|------|--------------|-------------|-------------|------------|------|------------------------|--------|------------------------|------|-----------------------|----------------------|--------|--------|-------------------------|-------------------------|--------|--------------------|--------------------------|--------|-------------------------|----------------------|----------------------|-----------------------|-----------------------|------|----|
|      | Average High | Average Low | Record High | Record Low | Year | Record Coolest Maximum | Year   | Record Warmest Minimum | Year | Average Daily Precip. | Total Yearly Precip. | Inches | Year   | Average Daily Snow Fall | Record Snow Fall Inches | Year   | Average Snow Depth | Record Snow Depth Inches | Year   | Average Daily Mean Wind | Record Max Mean Wind | Record Min Mean Wind | Record Peak Wind Gust | Record Wind Gust Year | Date |    |
| 1    | 82.2         | 50.5        | 96          | 1973       | 40   | 1968                   | 55     | 1923                   | 64   | 1908                  | 0.05                 | 12.15  | 0.76   | 1972                    | 0.0                     | 0.0    | 0                  | 0                        | 8.4    | 13.9                    | 1976                 | 2.8                  | 1981                  | 46                    | 1980 | 1  |
| 2    | 82.2         | 50.6        | 96          | 1971       | 36   | 1937                   | 56     | 1972                   | 63   | 1923                  | 0.05                 | 12.20  | 2.35   | 1985                    | 0.0                     | 0.0    | 0                  | 0                        | 8.2    | 13.6                    | 1975                 | 4.3                  | 1979                  | 38                    | 1996 | 2  |
| 3    | 82.3         | 50.5        | 99          | 1961       | 33   | 1896                   | 63     | 1906                   | 63   | 1920                  | 0.05                 | 12.25  | 1.10   | 1960                    | 0.0                     | 0.0    | 0                  | 0                        | 8.2    | 20.2                    | 1989                 | 2.4                  | 1978                  | 37                    | 1996 | 3  |
| 4    | 82.2         | 50.5        | 98          | 1961       | 38   | 1937                   | 55     | 1977                   | 61   | 1997                  | 0.05                 | 12.30  | 0.75   | 1954                    | 0.0                     | 0.0    | 0                  | 0                        | 8.0    | 16.1                    | 1980                 | 4.4                  | 1978                  | 32                    | 2000 | 4  |
| 5    | 82.1         | 50.4        | 103         | 1961       | 35   | 1940                   | 62     | 1911                   | 62   | 1961                  | 0.05                 | 12.34  | 0.55   | 1954                    | 0.0                     | 0.0    | 0                  | 0                        | 7.1    | 12.4                    | 1979                 | 3.8                  | 1977                  | 36                    | 1996 | 5  |
| 6    | 82.0         | 50.4        | 102         | 1983       | 37   | 1996                   | 64     | 1923                   | 61   | 1988                  | 0.05                 | 12.40  | 0.89   | 1960                    | 0.0                     | 0.0    | 0                  | 0                        | 7.5    | 14.8                    | 1988                 | 4.4                  | 1981                  | 46                    | 1988 | 6  |
| 7    | 81.9         | 50.3        | 96          | 1970       | 38   | 1988                   | 63     | 1980                   | 65   | 1971                  | 0.06                 | 12.45  | 2.50   | 1900                    | 0.0                     | 0.0    | 0                  | 0                        | 7.6    | 14.0                    | 1994                 | 3.9                  | 1983                  | 40                    | 1995 | 7  |
| 8    | 81.7         | 50.2        | 96          | 1991       | 33   | 1896                   | 56     | 1974                   | 60   | 1983                  | 0.06                 | 12.51  | 1.17   | 1974                    | 0.0                     | 0.0    | 0                  | 0                        | 9.4    | 15.9                    | 1985                 | 5.3                  | 1987                  | 40                    | 1995 | 8  |
| 9    | 81.6         | 50.0        | 100         | 1940       | 31   | 1902                   | 54     | 1997                   | 63   | 1971                  | 0.06                 | 12.57  | 0.62   | 1939                    | 0.0                     | 0.0    | 0                  | 0                        | 8.1    | 12.7                    | 1982                 | 4.3                  | 1973                  | 39                    | 1985 | 9  |
| 10   | 81.6         | 49.9        | 97          | 1984       | 33   | 1902                   | 51     | 1913                   | 69   | 1930                  | 0.06                 | 12.63  | 1.20   | 1907                    | 0.0                     | 0.0    | 0                  | 0                        | 7.6    | 14.5                    | 1995                 | 3.7                  | 1981                  | 41                    | 2000 | 10 |
| 11   | 81.4         | 49.8        | 98          | 1906       | 31   | 1896                   | 54     | 1985                   | 64   | 1936                  | 0.06                 | 12.68  | 1.57   | 1909                    | 0.0                     | 0.0    | 0                  | 0                        | 7.4    | 13.1                    | 1987                 | 3.0                  | 1981                  | 46                    | 1987 | 11 |
| 12   | 81.2         | 49.6        | 101         | 1940       | 31   | 1987                   | 52     | 1985                   | 66   | 1923                  | 0.06                 | 12.76  | 1.25   | 1950                    | 0.0                     | 0.0    | 0                  | 0                        | 7.5    | 12.1                    | 1982                 | 3.3                  | 1981                  | 40                    | 1994 | 12 |
| 13   | 81.0         | 49.5        | 97          | 1973       | 36   | 1916                   | 58     | 1908                   | 63   | 1923                  | 0.06                 | 12.82  | 0.58   | 1944                    | 0.0                     | 0.0    | 0                  | 0                        | 8.1    | 16.5                    | 1995                 | 5.5                  | 1999                  | 45                    | 1995 | 13 |
| 14   | 80.9         | 49.4        | 101         | 1929       | 36   | 1995                   | 56     | 1908                   | 65   | 1925                  | 0.06                 | 12.88  | 0.78   | 1968                    | 0.0                     | 0.0    | 0                  | 0                        | 8.5    | 17.7                    | 1979                 | 4.8                  | 1999                  | 44                    | 1974 | 14 |
| 15   | 80.7         | 49.3        | 99          | 1990       | 33   | 1943                   | 51     | 1968                   | 61   | 1994                  | 0.06                 | 12.94  | 1.02   | 1968                    | 0.0                     | 0.0    | 0                  | 0                        | 8.5    | 15.9                    | 2000                 | 4.4                  | 1983                  | 39                    | 2000 | 15 |
| 16   | 80.4         | 49.1        | 98          | 1973       | 32   | 1905                   | 51     | 1985                   | 61   | 1990                  | 0.06                 | 13.00  | 0.46   | 1911                    | 0.0                     | 0.0    | 0                  | 0                        | 7.7    | 12.8                    | 1976                 | 2.4                  | 1981                  | 39                    | 1995 | 16 |
| 17   | 80.1         | 49.0        | 98          | 1906       | 31   | 1910                   | 52     | 1978                   | 60   | 1984                  | 0.06                 | 13.06  | 0.88   | 1990                    | 0.0                     | 0.0    | 0                  | 0                        | 8.4    | 17.3                    | 1988                 | 2.6                  | 1981                  | 41                    | 1996 | 17 |
| 18   | 79.9         | 48.8        | 97          | 1964       | 33   | 1902                   | 63     | 1996                   | 63   | 1919                  | 0.06                 | 13.12  | 0.47   | 1926                    | 0.0                     | 0.0    | 0                  | 0                        | 7.4    | 11.9                    | 1995                 | 4.7                  | 1979                  | 32                    | 1973 | 18 |
| 19   | 79.5         | 48.6        | 95          | 1903       | 31   | 1907                   | 57     | 1912                   | 61   | 1922                  | 0.06                 | 13.18  | 1.47   | 1964                    | 0.0                     | 0.0    | 0                  | 0                        | 7.5    | 12.7                    | 1990                 | 3.9                  | 1982                  | 52                    | 1981 | 19 |
| 20   | 79.1         | 48.3        | 97          | 1931       | 32   | 1916                   | 49     | 1964                   | 60   | 1909                  | 0.06                 | 13.24  | 2.67   | 1964                    | 0.0                     | 0.0    | 0                  | 0                        | 8.6    | 12.7                    | 1976                 | 3.7                  | 1982                  | 40                    | 1981 | 20 |
| 21   | 78.8         | 48.0        | 97          | 1969       | 29   | 1904                   | 56     | 1918                   | 64   | 1931                  | 0.06                 | 13.29  | 1.80   | 1918                    | 0.0                     | 0.0    | 0                  | 0                        | 7.7    | 14.8                    | 1989                 | 4.5                  | 1981                  | 46                    | 1992 | 21 |
| 22   | 78.6         | 47.8        | 98          | 1976       | 34   | 1992                   | 50     | 1933                   | 56   | 1909                  | 0.06                 | 13.35  | 1.66   | 1992                    | 0.0                     | 0.0    | 0                  | 0                        | 8.4    | 13.6                    | 1987                 | 4.0                  | 1983                  | 36                    | 1994 | 22 |
| 23   | 78.4         | 47.6        | 101         | 1969       | 33   | 1992                   | 39     | 1992                   | 64   | 1905                  | 0.06                 | 13.41  | 0.78   | 1972                    | 0.0                     | 0.0    | 0                  | 0                        | 7.7    | 12.1                    | 1978                 | 4.1                  | 1981                  | 42                    | 1989 | 23 |
| 24   | 78.1         | 47.3        | 101         | 1969       | 31   | 1934                   | 46     | 1992                   | 61   | 1969                  | 0.06                 | 13.47  | 1.38   | 1989                    | 0.0                     | 0.0    | 0                  | 0                        | 7.8    | 16.0                    | 1975                 | 3.8                  | 1974                  | 61                    | 1995 | 24 |
| 25   | 77.7         | 47.0        | 98          | 1926       | 27   | 1910                   | 52     | 1933                   | 61   | 1905                  | 0.06                 | 13.53  | 1.16   | 1979                    | 0.0                     | 0.0    | 0                  | 0                        | 7.9    | 15.8                    | 1996                 | 3.1                  | 1979                  | 40                    | 1989 | 25 |
| 26   | 77.4         | 46.8        | 99          | 1926       | 30   | 1896                   | 52     | 1941                   | 60   | 1958                  | 0.06                 | 13.59  | 0.70   | 1941                    | 0.0                     | 0.0    | 0                  | 0                        | 8.2    | 18.4                    | 1984                 | 3.9                  | 1979                  | 40                    | 2000 | 26 |
| 27   | 77.0         | 46.5        | 97          | 1971       | 30   | 1900                   | 57     | 1903                   | 62   | 1925                  | 0.06                 | 13.65  | 0.80   | 1907                    | 0.0                     | 0.0    | 0                  | 0                        | 8.3    | 16.4                    | 1984                 | 4.3                  | 1979                  | 42                    | 1984 | 27 |
| 28   | 76.5         | 46.2        | 100         | 1924       | 33   | 1918                   | 53     | 1928                   | 58   | 1971                  | 0.06                 | 13.71  | 0.94   | 1993                    | 0.0                     | 0.0    | 0                  | 0                        | 8.1    | 15.3                    | 1984                 | 2.3                  | 1981                  | 50                    | 1975 | 28 |
| 29   | 76.0         | 45.9        | 92          | 1988       | 32   | 1902                   | 48     | 1993                   | 58   | 1971                  | 0.06                 | 13.77  | 0.54   | 1993                    | 0.0                     | 0.0    | 0                  | 0                        | 8.1    | 16.1                    | 1977                 | 3.3                  | 1981                  | 37                    | 1995 | 29 |
| 30   | 75.4         | 45.5        | 96          | 1929       | 30   | 1912                   | 52     | 1977                   | 58   | 1990                  | 0.06                 | 13.83  | 1.11   | 1956                    | 0.0                     | 0.0    | 0                  | 0                        | 7.8    | 12.9                    | 1989                 | 4.4                  | 1983                  | 31                    | 1990 | 30 |
| 31   | 74.9         | 45.1        | 98          | 1991       | 34   | 1930                   | 53     | 1920                   | 61   | 1922                  | 0.06                 | 13.90  | 0.72   | 1973                    | 0.0                     | 0.0    | 0                  | 0                        | 8.6    | 17.6                    | 1979                 | 4.9                  | 1974                  | 46                    | 1979 | 31 |

|       |      |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |      |       |     |  |  |  |  |
|-------|------|------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|------|-------|-----|--|--|--|--|
| AVG   | 79.8 | 48.7 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 0    |       | 8.0 |  |  |  |  |
| SUM   |      |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1.80 | 13.90 | 0.0 |  |  |  |  |
| EXTRM |      |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2.67 | 1964  | 0.0 |  |  |  |  |

AVERAGE TEMPERATURES AND PRECIPITATION 1961-1990

RECORD TEMPERATURES AND PRECIPITATION 1896-2000

AVERAGE DAILY MEAN WIND 1973-2000

RECORD PEAK WIND GUST 1973-2000